

# ***Armstrong Manufacturing Inc.***

## **Toxic Reduction Act - Public Annual Report 2019**

**Company:** Armstrong Manufacturing Inc.  
2485 Haines Road, Mississauga, ON L4Y 1Y7

**NPRI Identification Number:** 1093

**NAICS Code:**

Two Digit NAICS Code: 32 – Manufacturing;  
Four Digit NAICS Code: 3256 – Soap, Cleaning Compound and Toilet Preparation  
Manufacturing  
Six Digit NAICS Code: 325610 – Soap and Cleaning Compound Manufacturing

**Public Contact:**

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**UTM Spatial Coordinates  
(NAD83):**

UTM Zone 17T  
Easting 613544.97  
Northing 4827913.59

**Number of Full Time Employees:** 40

**Parent Company:** N/A

**Substance:** Hydrochloric Acid                      **CAS #: 7647-01-0**

**2018 Annual Facility-Wide Accounting:**

The amount of substance that entered the facility is the substance itself: 100,000-1,000,000 kg

The amount of substance that was created: 0 kg

The amount of substance that was transformed: 0 kg

The amount of substance that was destroyed: 0 kg

The amount of substance that was contained in product: 100,000-1,000,000 kg

The amount of substance that was released to air: 10-100kg

The amount of substance that was released to water: 100-1000kg

The amount of substance that was released to land: 0 kg

The amount of substance that was disposal: 0 kg

The amount of substance that was in transfers to on and off-site disposal and off-site recycling: 0 kg

## Armstrong Manufacturing Inc.

### 2019 Annual Facility-Wide Accounting Summary:

Name of Substance	Hydrochloric Acid	CAS #: 7647-01-0
Enter the process (Use)	100,000-1,000,000kg	
Contained in product	100,000-1,000,000kg	
Released to air	10-100kg	
Released to water	100-1000kg	

### TRA Quantification for comparison of 2018 & 2019

	Enter the Process (Use)	Contained in Product	Released to Air	Released to Water	Total On-site Release
<b>2018</b>	100,000-1,000,000kg	100,000-1,000,000kg	10-100kg	100-1000kg	100-1000kg
<b>2019</b>	100,000-1,000,000kg	100,000-1,000,000kg	10-100kg	100-1000kg	100-1000kg
<b>Change</b>	1,000-10,000kg	1,000-10,000kg	10-100kg	100-1000kg	100-1000kg
<b>%</b>	<b>↑9.0%</b>	<b>↑8.7%</b>	<b>↑5.3%</b>	<b>↑71.98%</b>	<b>↑68.43</b>

If the comparison indicates a change in the quantification of the substance between calendar years, an explanation of the reasons for the change: **68.43**

There was no change in the quantification.

**Indication of increase in "Released to Water % Change"**- The release to water is reflecting data for scrubber acid to drain measures as well as acid loss to wash-outs, thus HCl discharges to water, that is to the sanitary system. This change is reflecting potential variations in batch sizes produced, possible smaller batches at a time, therefore increasing the scrubber and wash out operations overall.

The Company is not intended to reduce the use of the prescribed toxic substance due to the fact that the substance is part of the product formulation.

There is no amendment to the plan.

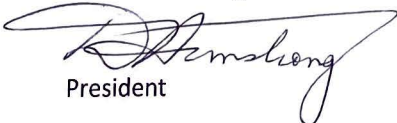
#### Certification:

As of May 05, 2020, I, David Armstrong, certify that I have read the record created for the purposes of section 9 of Ontario Regulation 455/09 (General) made under the *Toxics Reduction Act, 2009* in respect of the use and creation of the toxic substance referred to below at *Armstrong Manufacturing Inc.* and am familiar with its contents and to my knowledge it is factually accurate.

#### Hydrochloric Acid

The original version of this report is signed off by:

David Armstrong



President